From: "Gillespie, Andrew" </O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE;GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=DCE99ECE87694A06B3009D7756E2A89E-GILLESPIE,ANDREW>

To: <u>Lazorchak</u>

<u>Jim</u>

CC: "Bagley, Mark" < Bagley.Mark@epa.gov>

Date: 9/18/2013 2:09:45 PM

Subject: FW: Hydraulic fracking peer review [SEC=UNCLASSIFIED]

Attachments: CSR 5 Co-produced water.pdf

CSR5 Peer Review Info and Questions.docx

Peer review report template.docx

Comments Register.xlsx

Thanks Jim, much appreciated.

Attached are the relevant documents.

Regards, Andy

Andrew J. R. Gillespie, Ph. D. Associate Director, EPA/ORD/NERL

From: Orme-Zavaleta, Jennifer

Sent: Wednesday, September 18, 2013 2:50 PM

To: Gillespie, Andrew **Cc:** Sanders, Carol

Subject: FW: Hydraulic fracking peer review [SEC=UNCLASSIFIED]

See below. Can you pls coordinate this review within NERL? Thanks!

Jennifer Orme-Zavaleta, Ph.D. Director, National Exposure Re

Director, National Exposure Research Laboratory

Office of Research and Development

US Environmental Protection Agency (D305-01)

109 TW Alexander Dr

RTP, NC 27711

Phone 919.541.2106

Fax 919 541-0445 Cell 919 699-1564

email: orme-zavaleta.jennifer@epa.gov

visit www.epa.gov/nerl

From: Buckley, Katherine

Sent: Wednesday, September 18, 2013 2:37 PM

To: Codrington, Ann; Behl, Betsy; Wilson, Scott; Orme-Zavaleta, Jennifer; Gallagher, Kathryn **Cc:** Grevatt, Peter; Sawyers, Andrew; vanDrunick, Suzanne; Kasman, Mark; Waxmonsky, Gary

Subject: FW: Hydraulic fracking peer review [SEC=UNCLASSIFIED]

Dear All -

Below is an email from our Australian Environment Ministry (SEWPaC) colleagues with the previously discussed fracking-related reports they have asked EPA to help peer review. Thanks to OW and ORD for making staff available to participate in this effort.

Please let me know if you have any questions. I am happy to serve as the person to consolidate questions that we might have for SEWPaC's OWS team. Also, I think it would be best if we send a consolidated set of comments and documents back to Australia. I can serve as the liaison for this as well, if helpful. Please send your peer review comments and forms to me by OOB Sept 30, and I will send the complete EPA set to Australia.

Thanks again!

Best wishes, Katherine

From: Wu, Cong Cong [mailto:CongCong.Wu@environment.gov.au]

Sent: Wednesday, September 18, 2013 2:36 AM

To: Buckley, Katherine

Cc: Chen, Deborah; Winslade, Sharon; Higgins, Karl; Kasman, Mark **Subject:** RE: Hydraulic fracking peer review [SEC=UNCLASSIFIED]

Dear Katherine

Thank you for your kind assistance on our request. It's great to know that your line areas are willing to undertake the peer review of two reports our Office of Water Science (OWS) has received.

The reports are attached (PDF files):

Critical Science Review No. 5 - Co-produced water – issues associated with quantity, quality, timing and potential risks to aquatic ecosystems and their environmental values

Critical Science Review No.7 – Hydraulic Fracturing

Two documents, which outline the terms of reference of the reports and key questions that we would like your review to focus on, are also attached (word docs).

I have also attached a review report template as a suggested format to summarise key findings, and a comment register to record specific issues.

Our OWS would like the review to be completed by 1 October 2013. Hope this is ok with your line areas.

I will be away for a one-month holiday from Monday 23 September. If your line areas need any further information regarding this peer review request, the contact within our OWS is Deborah Chen (email deborah.chen@environment.gov.au; ph: +61 2 6275 9635), Director of Research Program Management Section.

Kind regards CongCong

CongCong Wu
A/g Assistant Director
Water Strategies Section
Water Policy Branch
Department of Sustainability, Environment, Water, Population and Communities

Ph: +61 2 6274 2459 Fax: +61 2 6274 2186